

HUNTERS POINT SHIPYARD TIME-CRITICAL LANDFILL GAS REMOVAL ACTION

EXTRACTION, MONITORING AND MAINTENANCE WEEKLY SUMMARY REPORT

Monitoring Period: October 4 through October 11, 2002

- Began extraction unit #1 on extraction well EX1 on 10/4/2 at 11:20 am. Initial methane concentration was 17.1%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Stopped extraction on 10/10/2 at 12:20 pm because methane concentration was 1.2% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.
- Began extraction unit #2 on extraction well EX2 on 10/9/2 at 8:25 am. Initial methane concentration was 6.1%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Continuing to actively extract gas and to conduct monitoring daily, last reading was 1.3% methane. Location will be assessed on Monday, October 14th for terminating extraction. See attached monitoring graph.
- Began extraction unit #1 on extraction well EX3 on 10/11/2 at 9:45 am. Initial methane concentration was 13.6%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will continue to actively extract gas and to conduct monitoring daily until Wednesday, October 16th and then will assess methane concentrations. See attached monitoring graph.
- Conducted weekly monitoring of all extraction wells not included in the daily monitoring program. Collected summa canister seven samples at the monitoring locations where VOCs exceeded 5ppm above background for laboratory analysis by EPA method TO-14A. Note – summa canisters will be collected only on a monthly basis where volatile concentrations exceed the criteria. See attached monitoring graph.
- Checked extraction unit connections, valves, and piping using field instruments for fugitive emissions as part of the maintenance requirements. No readings were recorded for methane or volatiles.
- Daily monitored for breakthrough of volatiles compounds at the effluent sample ports on the carbon drums and hydrosil drum. No breakthrough has occurred.